

1. (Twice Amended) A method for constructing a business application system by using a framework described by an object-oriented language, the method comprising the steps of:

preparing an abstract class group including (i) a system core class group, which has abstractly defined a basic structure and behavior of a business application system that includes a screen system function for inputting data through a screen, a report system function for printing a report on the basis of the data inputted by the screen system function, a business logic system function for executing at least calculation or aggregation on the basis of the data inputted by the screen system function, and (ii) a screen system class group, a report system class group and a business logic system class group, which respectively inherit said system core class group, wherein said three system class groups are related to each other through said system core class group so that said report system class group and said business logic system class group can start and terminate their processing on the basis of the data inputted through the screen provided by the screen system class group;

inheriting said screen system class group, said report system class group and said business logic system class group of said abstract class group to prepare a screen system functional group, a report system functional group and a business logic system functional group;

inheriting said system core class group of said abstract class group to prepare a system core functional group; and
integrating said screen system functional group, said report system functional group, said business logic system functional group and said system core functional group.

7. (Twice Amended) A computer-readable storage medium having stored a framework for a business application system, which has been described by an object-oriented language, said framework including:

an abstract class group which has abstractly defined a structure and behavior of a business application system that includes a screen system function for inputting data through a screen, a report system function for printing a report on the basis of the data inputted by the screen system function, a business logic system function for executing at least calculation or aggregation on the basis of the data inputted by the screen system function,

said abstract class group including (i) a system core class group, which has abstractly defined a basic structure and behavior of said business application system, and (ii) a screen system class group, a report system class group and a business logic system class group, which respectively inherit said system core class group, wherein said three system class groups are related to each other through said system core class group so that said report system class group and said business logic system class group can start and terminate their processing on the basis of the data inputted through the screen provided by the screen system class group.

11. (Twice Amended) A computer-readable storage medium having stored a framework for a business application system, which includes a plurality of class groups which are described by an object-oriented language said framework including:

a system core class group having defined manipulation of data in a business application system that includes a screen system function for inputting data through a screen, a report system function for printing a report on the basis of the data inputted by

C3
the screen system function, a business logic system function for executing at least calculation or aggregation on the basis of the data inputted by the screen system function; and

a screen system class group, a report system class group and a business logic system class group inheriting said system class group;

wherein said screen system class group, said report system class group and said business logic system class group are related to each other through said system core class group so that said report system class group and said business logic system class group can start and terminate their processing on the basis of the data inputted through the screen provided by the screen system class group.

C4
13. (Twice Amended) A computer-readable storage medium having stored a framework for a business application system, which includes a plurality of class groups which are described by an object-oriented language said framework including:

a system core class group having defined transmission and receiving of a request between functions in a business application system that includes a screen system function for inputting data through a screen, a report system function for printing a report on the basis of the data inputted by the screen system function, a business logic system function for executing at least calculation or aggregation on the basis of the data inputted by the screen system function; and

a screen system class group, a report system class group and a business logic class group inheriting said system class group;

wherein said screen system class group, said report system class group and said business logic system class group are related to each other through said system core